

Outlook

THE UNIVERSITY OF MARYLAND FACULTY AND STAFF WEEKLY NEWSPAPER
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MARYLAND DAY 2000

explore
our
world
page 3

Theatre Designers Recognized for Outstanding Achievement

Three members of the theatre department are nominated for a total of five Helen Hayes Awards, which recognize outstanding artistic achievement in local productions. Dan Conway, Helen Huang and Dan Wagner will be honored at the annual ceremony, often referred to as the "Washington-area Tonys."

Winners will be announced May 8 at the John F. Kennedy Center for the Performing Arts at the 16th annual Helen Hayes Awards Presentation, hosted by S. Epatha Merkerson from television's "Law and Order." This is the first time all three colleagues have been nominated in the same year.

Huang is nominated for a Helen Hayes Award for outstanding costume design in the production "Indian Ink," which is nominated for eight awards. "This is Helen's first nomination, and long overdue," says Conway. "She's just a brilliant costume designer."

"Indian Ink," which played at the Studio Theatre in Washington, D.C., is a sophisticated love story about an English poet who finds adventure, passion and romance in Colonial India. Huang, a designer for 10 years, created period costumes for alternating scenes between India and modern England.

As the female protagonist falls in love with an Indian prince and becomes more Eastern, her costumes change as well. In an early scene where she visits the palace,

Continued on page 7

From Shuttle Diplomacy to Final Accords

Henry Kissinger to Reflect on Unfinished Journey in Sadat Lecture for Peace

Former Secretary of State Henry Kissinger will deliver the third annual Sadat Lecture for Peace Thursday, May 4 in a 7:30 p.m. ceremony at Tawes Theatre. Twenty-five years after his "shuttle diplomacy" succeeded in arranging cease-fire agreements to end the 1973 Arab-Israeli War, Kissinger is expected to offer a unique historical perspective on the continuing Middle East negotiations and the prospects for achieving lasting peace in the region.

The Sadat Lecture for Peace was established to honor the legacy of slain Egyptian President Anwar Sadat, whose courage and bold diplomacy continue to inspire leaders today. Each year, a distinguished individual with extraordinary experience and accomplishments in world affairs is invited to present the annual lecture.

Kissinger shared the 1973 Nobel Peace Prize for negotiating a cease-fire with North Vietnam. He also is remembered for promoting the policy of détente with the Soviet Union and the opening of China, which led to President

Continued on page 6



Henry Kissinger

1999 Inventions of the Year Announced, High-Tech Innovation Celebrated

A novel interferon tau mutant developed to treat various debilitating conditions and deadly diseases; a method designed to improve optical wireless communications systems by reducing signal fading; and a fast-switching modulator device that could help increase speed and capacity of fiber optic communications systems are the university's three 1999 Inventions of the Year.

President Dan Mote recently presented the inventors with plaques and \$500 in award money at the 13th annual Invention of the Year reception, sponsored by the Office of Technology Liaison (OTL). The winning inventions were selected by an independent panel from 113 information, life and physical science inventions on the basis of creativity, novelty and potential overall benefit to society.

Life Science

Scientists and researchers around the globe are using recent biotechnology advancements to learn how to use the human body's own tools and weapons to develop the next generation of medicines to treat various cancers, AIDS, Alzheimer's, multiple sclerosis and other debilitating conditions and deadly diseases.

Assistant professor Carol Pontzer, graduate student researcher Lynnette Shorts and undergraduate student researcher Christina Dancz, in the department of cell biology and molecular genetics, have developed a novel mutant of an interferon tau, a Type 1 interferon (a protein naturally found in the human body that possesses potent antiviral effects), with great therapeutic implications for diseases such as cancers, leukemia, hepatitis B and C, and for autoimmune diseases such as multiple sclerosis.

The use of Type 1 interferons is a tried process. Interferon alpha is already approved by the Food and Drug Administration and is used to treat Kaposi's sarcoma, hairy cell leukemia, venereal warts and chronic hepatitis B and C. Clinical trials are also being conducted to use interferon alpha as treatment for non-Hodgkin's lymphoma, malignant melanoma, chronic myelogenous leukemia, cutaneous squamous cell carcinoma, laryngeal papillomatosis and AIDS.

But treatments using interferon alpha are constrained because the protein is toxic, and patients suffer side effects from flu-like symptoms such as nausea, vomiting and rashes to anorexia,

peripheral neuropathy and thrombocytopenia. The more recently discovered interferon tau is a less-toxic antiviral and anticancer agent. The patent-pending interferon tau mutant developed at the university has an even greater antiproliferative effect than the native interferon tau.

Other finalists in the life science category were titled "Processes for Hydrogen Bonding Between Chain Molecules and Novel Applications to Information and Analytical Technology and Devices," developed by Mohamad Al-Sheikhly, William Bentley and Joseph Silverman; "Potential Telomerase Inhibitors," developed by Jeffery Davis; and "Olefin Polymerization Catalysts with High Activity for the Polymerization of Alpha Olefins and in a Living and Stereoselective Manner," developed by Lawrence Sita and Kumudini Jayaratne.

Information Science

Fast-paced, almost-daily technology advances have fundamentally changed the way data is transferred across communications systems. With increased communications capability and productivity, wireless communications systems have become the optimal choice for

transmitting data and the principal focus of the telecommunications industry.

Optical wireless systems are line-of-sight communications links that use lasers to transmit data. A significant problem of these systems is that unpredictable fading often occurs as the optical beam passes from the transmitter to the receiver through the atmosphere. This happens because atmospheric turbulence causes fluctuations which distort the signal intensities.

To reduce the problem of fading and to improve the performance of optical wireless communications systems, electrical and computer engineering professor Christopher Davis has developed a delayed diversity communications scheme. Because atmosphere does not significantly change the polarization of an optical beam, Davis' scheme uses error-correcting codes of polarization and wavelength diversity to significantly reduce fading.

This patent-pending method can be developed for many applications including: short-range, high-data-rate links for local area networks; bridging gaps in ground-based networks; ground-to-satellite

Continued on page 5



"I saw no role for the research university, something that should be of concern to College Park, Johns Hopkins and the University of Maryland, Baltimore." —*University president Dan Mote comments on dissatisfaction with a draft of the new state plan for higher education being assembled by the Maryland Higher Education Commission.* (Baltimore Sun, April 8)

"Faster, but no improvement in the learning process... This is what I call 'the computer gets an A, the student gets an F' experiment. If you didn't understand it before you saw it, you wouldn't learn much from it." —*Edward Redish, professor of physics, talking about a virtual experiment on the science of motion done by a computer, as opposed to students doing the staid nitty-gritty work.* (Chronicle of Higher Education, April 7)

"The students in Jo Paoletti's undergraduate course on race and ethnicity were getting into a fairly heated debate.... The screen went so fast you couldn't read it. It was the equivalent of everyone talking at once. No one was listening. I had to shout—you know, use all capital letters—twice to get people to stop. Then we scrolled back and looked at everything that had happened. We had the opportunity to ask: What made that (hyphenated identities) such a hot-button incident? What were we reacting to? Try that in a regular classroom!" —*Jo Paoletti, associate professor of American studies, describes teaching a course on-line.* (Washington Post, April 9)

"I'm working on a mission right now where our ability to move forward is dependent on waiting for my university's lawyers to tell me what the rules are." —*Glenn Mason, professor of physics, talks about confusing and limiting federal rules regarding foreign-born colleagues and satellite technology research.* (Chronicle of Higher Education, April 14)

"I know Claudia Kennedy, and if she says something inappropriate happened, I believe her." —*Mady Wechsler Segal, professor of sociology, is a supporter of Lt. Gen. Claudia Kennedy, who sparked controversy by accusing another general of sexual harassment.* (Baltimore Sun, April 11)

"Hallelujah...the scholarships go a long way to support any altruistic instincts these kids might have." —*Education dean Edna Szymanski's reaction to HOPE scholarship money rising from \$3,000 to \$5,000 a year for college students studying education.* (Baltimore Sun, April 16)

"It could bite you on the butt if you stand on principle (and decline to run the video) because it's going to be in the other guy's paper or the other guy's station...In the current environment, not all of the various media are being operated by the most thoughtful individuals..." —*Incoming journalism dean Tom Kunkel comments on the airing of a tape of Elian Gonzalez stating the six-year-old does not want to go back to Cuba.* (Washington Post, April 15)

"It has a long history, from Frankenstein back to the ancient idols and voodoo dolls. It's all the same, and it's silly." —*Computer scientist Ben Shneiderman's opinion of the attempt to build faux humans, like Face robots and knowbots.* (Atlanta Journal Constitution, April 2)

CLICK HERE

Go Roaming on Campus with Your Laptop

The new Dynamic Host Configuration Protocol (DHCP) roaming system allows laptops and other mobile devices to freely move between campus buildings. Any device on the campus network that has been assigned an Internet Provider (IP) address can be registered for the DHCP roaming service.

After a laptop or other device is registered, its network software can be changed to use DHCP. Campus DHCP servers will then automatically tell the registered device what network configuration should be used (IP address, default gateway, DNS names and servers).

When the device is used on its home network, it will be assigned the usual IP address and hostname. When the device is taken to another building it will be given a temporary IP address and hostname for the duration of its use there.

Devices are registered for DHCP roaming by departmental Local Area Network (LAN) administrators. "LAN admin" is a new designation. It is someone who is authorized by the department's Departmental Data Representative (DDR) to make changes to a department's network configuration. Currently only the DHCP roaming service can be configured. Departments can have multiple "LAN admins."

There is currently no restriction on how long a device is allowed to roam. If a device spends more time roaming on a particular network than it does its home network, the "LAN admin" may be asked to rehome that device.

To register laptops, "LAN admins" should go to register.net.umd.edu. "LAN admins" may use this registration system only after their DDRs have submitted the LAN admin registration form. Go to noc.umd.edu/Forms/LanAdmin.pdf to get a copy of this form.

Once "LAN admins" are registered, they will be informed via email that they have access to the DHCP roaming management system.

For questions, send e-mail to DHCP roaming administrator at roamdhcp@ni.umd.edu.

Questions and Answers

What DHCP parameters and lease times are returned by the campus DHCP servers?

IP Address
Netmask
Default Gateway
DNS domain name
DNS server IP addresses

Devices are given a seven-day lease when used on their home network. Thirty-minute leases are used when roaming.

Can I register multiple DHCP mac addresses for the same IP address?

No, you can register only one MAC address per IP address.

How do the campus DHCP servers interact with my departmental DHCP server?

If devices are only registered with one or the other, there will be no problems. If a department is doing fixed DHCP assignments and is only using the same set of DHCP options mentioned above, there should be no problems.

Can I used this service to register devices that will never roam?

Yes. This is a good choice for departments that want to move to DHCP client configurations, but do not want to run their own DHCP servers.

What if I change the ethernet card on my registered laptop?

If your laptop is registered and you change your ethernet card after registration you will no longer be able to roam. You must unregister the laptop and re-register with the new MAC address.

How many Lan admins can a department have?

Departments can have multiple Lan admins.

Support Special Olympics this Summer

June 2-4, Special Olympics athletes will gather at the university to participate in Special Olympics Maryland 2000 Summer Games. The three-day competition includes six sporting events: aquatics, bowling, equestrian, golf, softball and track and field. The games provide the athletes with an opportunity to showcase their skills and gain a sense of accomplishment while learning how to be part of a team.

Special Olympics Maryland estimates 1175 participating athletes, 4000 coaches and 2000 volunteers for this summer's games. An elaborate opening ceremony kicks off the games and a closing ceremony concludes the weekend.

Volunteers are a fundamental element of the summer games. Special Olympics Maryland needs 2000 volunteers to ensure the success of the games. Volunteers are recruited from service organizations, corporate businesses and the local community.

Anyone interested in volunteering is encouraged to apply. Volunteers have the opportunity to serve in various areas ranging from computer services to athlete escorting to running sports clinics and activities, and more.

For more information about Special Olympics Maryland Summer Games, call 410-290-7611, ext. 6, and leave your name and address.

Outlook

Outlook is the weekly faculty-staff newspaper serving the University of Maryland campus community. **Brodie Remington**, Vice President for University Relations; **Teresa Flannery**, Executive Director of University Communications and Director of Marketing; **George Cathcart**, Executive Editor; **Jennifer Hawes**, Editor; **Londa Scott Forté**, Assistant Editor; **David Abrams**, Graduate Assistant. Letters to the editor, story suggestions and campus information are welcome. Please submit all material two weeks before the Tuesday of publication. Send material to Editor, Outlook, 2101 Turner Hall, College Park, MD 20742. Telephone (301) 405-4629; e-mail outlook@accmail.umd.edu; fax (301) 314-9344. Outlook can be found online at www.inform.umd.edu/outlook/

MARYLAND DAY 2000

explore our world!

The University of Maryland, College Park is opening its doors to alumni and their families, parents, prospective students, the business community and residents of the surrounding Baltimore-Washington Metro area. On Saturday, April 29, from 10 a.m. to 5 p.m., our beautiful campus will buzz with activity as visitors join students, faculty, staff and their families for a day of learning, exploration and fun for the entire community.

There will be something for everyone to experience and explore, provided by Maryland Day sponsoring departments. From hands-on research demonstrations, exhibits and workshops, to live music and dance performances, tours, lectures, petting zoos and sports events, there's a good chance you'll learn something new, take something home and have a great time.

Bring your family and stay for the day. Check out all the events especially for kids: Kid Finger-printing, "Bob the Vidtech" from MPT Kidworks, the Great Shootout at Cole Field House, insect petting zoos, story telling, Ag Day and planET UM—and that's just the beginning. Come to the carnival on the mall, stay for lunch, listen to great music and be sure to have some of our famous ice cream!

Students, Faculty and Staff... Bring your friends and family and show them why we are so proud of our university.

You won't want to miss a thing at Maryland Day.
To map out your game plan use this dayplanner (right).
For a guide to the hundreds of Maryland Day
events and other information, visit the Web site at
www.inform.umd.edu/explore

APRIL 29, 2000

make
your plan

start here at
10 a.m.

finish here at
5 p.m.

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Your Guide to University Events
April 25 - May 4

April 25

12:30 p.m. MITH Lecture: "The Students Weigh In: Information Technology in the Classroom—What Works, What Doesn't," a brown bag roundtable discussion as part of the Digital Dialogues Series. 2M100E McKeldin Library.

3 p.m. Department of French and Italian Lecture: "Through Which Lens? Reflections on Italian Cinema Today." Guido Fink, film critic for the lecture series "Modern Italy: Aspects of the Future." St. Mary's Hall. 5-4024.

3:30 p.m. Africa and the Americas Panel Discussion: "Africa in/and the Americas: Multidisciplinary Perspectives" 0126 Francis Scott Key Hall. 5-6835.

3:30 p.m. Lecture: "The Future of Chinese-American Relations: Can History be a Guide?" Warren Cohen, UMBC. 0106 Francis Scott Key Hall. 5-0213 or rm165@umail.umd.edu

4 p.m. Physics Lecture: "Voodoo Science: Perpetuum Mobile," Robert Park, professor of physics. 1410 Physics Bldg.

6-9 p.m. Workshop: "Advanced HTML," introduces 'frames' and 'image mapping' as useful and attractive interfaces for the user. Additional advanced topics covered will be constructing 'graphics animation' with banner and graphic images to enhance web page presentations. Registration required. 4404 Computer & Space Sciences Bldg. 5-2938, cwpost@umd5.umd.edu or www.inform.umd.edu/PT*

8-10 p.m. Lecture: "Current Issues in Performance Studies." 2203 Art-Sociology Bldg.

April 26

Noon: Counseling Center Research and Development Series: "Working with Latino Immigrant Families in the Metropolitan Area: Issues of acculturation," Viviana Azar, Multicultural Program, Adult Mental Health, Montgomery County. 0114 Shoemaker Bldg.

3:30 Lecture: "National Scholarships Information Session," a how-to session about various scholarships and fellowships, Anne Arundel Basement Lounge. 4-1289.

4 p.m. Astronomy Lecture: "Cosmic Habitability: The Origin and Character of Planetary Systems," David Koerner, University of Pennsylvania. 2400 Computer and Space Sciences Bldg.

7 p.m. Writers Here and Now Reading featuring Marilyn Nelson, author of "The Homeplace" and Agha

Shahid Ali, author of "The Beloved Witness: Selected Poems." A book signing will follow the reading. Special Events Room, Fourth floor, McKeldin Library. 5-3820.

8-10 p.m. University Theatre: "Private Eyes." Tawes Bldg. 5-2201.*

April 27

9:30 a.m. Lecture: "Efficient and Reliable A Posteriori Error Estimates for Elliptic Obstacle Problems," 3206 Math Building. 5-5117.

10:30 a.m. Workshop: "How to Access TERP Online," 3100 Hornbake Bldg. 4-7225.s

3 p.m. Africa and the Americas Panel Discussion: "Issues in Black Education: Dilemmas and Solutions" 3203 Art/Sociology Building. 5-6835.

8-10 p.m. University Theatre: "A Few Good Men," play by Aaron Sorkin. 5-2201 or www.inform.umd.edu/THET/plays.*

8-10 p.m. University Theatre: "Private Eyes." Tawes Bldg. 5-2201 or www.inform.umd.edu/THET/plays.*

April 28

Noon. Department of Communication Lecture: "Bill Clinton and the Ethics of Speechwriting," Martin Medhurst, Texas A&M University. 0200 Skinner Bldg. 5-6528.

8-11 p.m. Music: Guarneri String Quartet in Concert. Ulrich Recital Hall. 5-5570.

8-10 p.m. University Theatre: "A Few Good Men," play by Aaron Sorkin. Tawes Bldg. 5-2201 or www.inform.umd.edu/THET/plays.*

April 29

2-4 p.m. University Theatre: "Private Eyes." Tawes Bldg. 5-2201 or www.inform.umd.edu/THET/plays.*

7:30 p.m. Music: "Susanna," Ulrich Recital Hall. 5-7847.*

8-10 p.m. University Theatre: "A Few Good Men," play by Aaron Sorkin. Tawes Bldg. 5-2201 or www.inform.umd.edu/THET/plays.*

May 1

4:15 p.m. Lecture: "Finite Element Methods for Nonconvex Minimization Problems and an Application in Material Science." 3206 Math Bldg. 5-5117, tvp@math.umd.edu or www.math.umd.edu/dept/seminars/nas.

7:30 p.m. Music: "The Magic Flute

Quirky Comedy 'Private Eyes' Opens Apr. 26

University Theatre presents "Private Eyes" Apr. 26-May 7 in Pugliese Theatre. From one of America's brightest new playwrights, Steven Dietz, this production examines issues of truth, reality and marital fidelity. The play is a quirky comedy that unmistakably confirms art imitates life. Or vice-versa. Or both.

Director Carey Upton is a university acting instructor at whose directing credits include "Someday's Gone" and "The Turn of the Screw" at Horse Cave Theatre and "Comedy of Errors," "Love's Labours Lost" and "The Fiery Rain" at Shakespeare and Company. Upton is a classical text & acting faculty member with Shakespeare and Company and also teaches acting at Woolly Mammoth Theatre company. He is co-director of the Whole Actor Research Project, and has stage managed at Arena Stage, Studio Theatre, Arkansas Rep and the Actors' Theatre of Louisville.

M.R. Moszynski, a second-year master's student in scenic design, serves as scenic designer for this production. His recent credits include the puppet design for "The Fable of Macbeth" at University Theatre and scenic artist for Wolf Trap Opera's Summer 1999 season.

Costume designer Levonne Lindsay is completing her second year as a master's student in costume design. She also designed "Picasso at the Lapin Agile" at University Theatre and "Madame Butterfly" for Capital City Opera.

Lighting design is by second-year master's student in theatre design Robert Scharff. "Private Eyes" is his third design for University Theatre.

Senior design and technical theatre major Christopher Eucare will serve as sound designer. Eucare's previous credits include sound design for "An Evening of Provincetown One Acts" and the student production of "Largo



Desolato."

Performances are Apr. 26-29 and May 2-6 at 8 p.m., and Apr. 30 and May 7 at 2 p.m.

Tickets are \$10 standard admission and \$7 for students, senior citizens and standard groups, and \$5 for senior citizen and student groups.

For reservations or additional information, call the University Theatre box office at 405-7847 weekdays from 10 a.m. to 4 p.m. or visit the University Theatre Web site at www.inform.umd.edu/THET/plays.

May 3

9 a.m. - 4p.m. "Essential 21st Century Law for Information Professionals," surveys the essential civil and criminal laws which should be familiar to every information professional. 2111 Stamp Student Union. 5-2057, ra67@umail.umd.edu or www.clis.umd.edu/cc/.

Noon. Research and Development Lecture: "Career Counseling in Japan: A Recruit Project," Akira Otani, Counseling Center. 0114 Shoemaker Bldg. 7:30 p.m. Music: "The Magic Flute (with piano)," Ulrich Recital Hall. 5-5570.*

May 4

9 a.m. Lecture: "Finding and Using Sci-Tech Resources on the Web," workshop will look at what resources are available

and how to find them. Considerable emphasis will be placed on how to locate and use "metasites," those small, specialized directories that can help reduce the uncertainty of knowing where to start and whether you've missed any important sources. 4111 Computer & Space Sciences Bldg. 5-2057, ra67@umail.umd.edu or www.clis.umd.edu/cc.

9:30 a.m. Lecture: "On the Solution of Phase Change Problems using Adaptive Moving Meshes," 3206 Math Bldg. 5-511 or www.math.umd.edu/dept/seminars/nas

7:30 p.m. Music: "Susanna," Ulrich Recital Hall. 5-7847.*

8-10 p.m. University Theatre: "Private Eyes." Tawes Bldg. 5-2201 or www.inform.umd.edu/THET/plays.*

Calendar Guide

Calendar phone numbers listed as 4-xxxx or 5-xxxx stand for the prefix 314- or 405. Events are free and open to the public unless noted by an asterisk (*). Calendar information for Outlook is compiled from a combination of inform's master calendar and submissions to the Outlook office. To reach the calendar editor, call 405-7615 or e-mail to outlook@acc-mail.umd.edu.

A Few Good Men

The National Players present Aaron Sorkin's play "A Few Good Men" April 27-30. The production take place in Tawes Theatre April 27-29 at 8 p.m., and April 30 at 2 p.m.

"A Few Good Men" is a drama about the dangerous difference between following orders and following conscience. According to director Alan Wade, this play is "about moral choice, about doing the right thing. The title subverts the by now familiar Marine Corps advertising campaign, for the 'few good men' we identify are far from those who fit the stereotype of posterboard sloganeering."

Wade is on the faculty of the theatre department at George Washington University in Washington, D.C., and is a National Players Tour veteran. Wade's other credits include work with The Potomac Theatre Project, Olney Theatre Center of the Arts, Signature Theatre, Arena Stage and Center Stage.

Daniel Conway, assistant professor in scenic design at the University of Maryland whose work includes designs for five National Players' tours, the Manhattan Theatre Club and the Cleveland Playhouse, is the scenic designer for the production.

Tickets are \$10 standard admission, \$7 for senior citizens, students and standard groups, and \$5 for senior citizen and student groups.

For reservations or additional information, call the Clarice Smith Performing Arts Center ticket office at 405-7847 weekdays from 10 a.m. to 4 p.m.



'Susanna' Kicks off Handel Festival

The School of Music kicks off Handel Festival 2000 with Handel's "Susanna," an oratorio presented as a staged opera in collaboration with the Maryland Opera Studio. Performances take place April 29, May 2 and May 4 at 7:30 p.m. in Ulrich Recital Hall.

The production, directed by Leon Major and conducted by Paul Traver, features chamber singers of the University of Maryland Chorus, directed by Jesse Parker and members of the University of Maryland Symphony Orchestra.

Additional festival events include free lectures and conference sessions Saturday and Sunday, May 6 and 7. Conference sessions I and II, "Handel's 'Susanna' and 'Solomon': Depictions of Nature in Music," take place May 6 and 7 at 9 a.m. An American Handel Society lecture, "Fifteen Ways to Skin an Oratorio, or Understanding Theodora," takes place May 6 at 3:15 p.m.

The festival concludes with a concert conducted by Paul Traver, Handel's oratorio "Solomon," Sunday, May 7 at 3 p.m. in Memorial Chapel with a free pre-concert lecture at 2 p.m. The oratorio will be performed by the University Chorus, directed by Jesse Parker, and



the Smithsonian Concerto Grosso with director Kenneth Slowik.

Tickets are \$16 for "Susanna" and \$10-\$25 for "Solomon," with specially priced subscription tickets to both concerts available. Call 405-7847 for ticket and festival information.

1999 Inventions of the Year Announced, High-Tech Innovation Celebrated

continued from page 1

lite links for global communications; and military applications for physically secure, covert and low-probability-of-detection communications.

Other finalists in the information science category were entitled "IMPACT Agent Development System," developed by Venkatraman Subrahmanian, Carolyn Gasarch, Fatma Ozcan, Robert Ross, Jason Ernst, Thomas Eiter, Sarit Kraus, Juergen Dix, Timothy Rogers, Mustafa Tikir and Anatoliu Levkov; "Direct Annotation for Digital Images," developed by Ben Shneiderman; and Urban World, developed by Derek Thompson, Todd Poston, W. Brian Tucker, Francis Lindsay, Paul Davis, Troy Clark and Chang-Yen Su.

Physical Science

Maria Linnik, a graduate student researcher, and Aristos Christou, chairperson and professor in the department of materials and nuclear engineering, have developed a monolithic ferroelectric lanthanum-modified lead zirconate titanate (PLZT) thin-film spatial phase modulator that offers better performance for optical communications systems than the ceramic PLZT bulk optical devices that are currently used in these systems.

PLZT devices are critical components of many optical communications systems, including parts of the Internet, cable television transmission and defense radar networks. They also have applications in programmable optical interconnecting; steering or switching devices in

fiber optic interconnecting; phase modulators and deflectors; display and optical processing systems; optical routers and polarization controllers; and in other imaging and non-imaging optical equipment.

The PLZT spatial phase modulator developed at the university is monolithic, operates at lower voltages and has the ability to produce random-access optical beam steering without changing the geometry of the electrodes. The university's patent-pending device could help increase speed and capacity of fiber optic communications systems with its fast switching response, good thermal stability and broadband optical transmission range.

Other finalists in the physical science category were "Aerosol Concentration by Condensation and Chemical Analysis," developed by John Ondov; "Magnetic Combinatorial Screening," developed by Erin Fleet, Frederick Wellstood and Sojiphong Chatrathorn; and "Gas-Phase Process for Large-Area Production of Nanocomposite Materials," developed by Sheryl Ehrman.

The Office of Technology Liaison was established in 1986 to facilitate the transfer of life, information and physical science inventions developed at the university to business and industry. In the last 13 years, OTL has managed more than 850 technologies, secured more than 135 patents and executed more than 400 license agreements, generating \$16 million in technology transfer income to the university. In addition, 13 high-tech start-up companies have been formed based on technologies developed at the university.

The Vikings are Coming to Maryland

One thousand years ago Greenlander Leif Eiriksson and a small group of his followers landed on the shores of what is now North America. Based on archeological evidence one of their landing places was L'Anse aux Meadows in Newfoundland.

This year a number of countries, including Iceland, the United States and Canada will commemorate the 1000th anniversary of the Viking arrival in North America, in Iceland, where more than 200 cultural events are planned. The year 2000 also marks the millennium anniversary of the adoption of Christianity.

The University of Maryland is participating in the millennium celebrations with a May 1 symposium on "The Vikings." Sponsored by the department of Germanic studies with support from the College of Arts and Humanities and four Nordic governments, the program will feature speakers—several of them curators of the Smithsonian exhibit—from Denmark, Iceland, Norway, Sweden and the U.S.

The program begins at 11 a.m. with a presentation by Sigrid Kaland, senior curator of the Archaeological Institute, Bergen Museum, University of Bergen, on "The Viking Homelands." At 1 p.m., a panel consisting of Jette Arneborg, senior researcher at SILA-Greenland Research Center, the National Museum of Denmark, and Gisli Sigurdsson, Arni Magnusson Institute and the University of Iceland, discuss "The Greenland Colony" and "Iceland: a Multicultural New Society and the Vinland Sagas," respectively.

At 3 p.m., a panel will discuss "Gudridr Thorbjarnardottir—the First White Woman in North America" and "The Viking Legacy." The speakers on the 3 p.m. panel include Jenny Jochens, professor emerita, Towson State University and Carin Orrling, department head, National Museum of Antiquities, Stockholm. A reception follows.

The symposium, to be held at the Language House All-Purpose Room, is free and open to the public. For further information, call Rose-Marie Oster at 405-4096.



Raymond Miller, director of international programs for the College of Agriculture and Natural Resources, received an honorary doctorate last month from Moscow State Agro-engineering University (MSAEU) in Russia. The degree recognizes the work Miller has done to advance Russian agriculture and agricultural education.

He and colleagues from the University of Maryland, the Maryland Department of Agriculture, and USDA's Agricultural Research Service have been working with Russian officials and academicians since 1977, and the College of Agriculture and Natural Resources has had a memorandum of understanding with MSAEU for a decade. This MOU has led to student exchanges, WebCT training of Russian faculty in Maryland, co-sponsorship of a conference in Russia, and collaborative efforts to revise and expand MSAEU's curriculum.

"Our relationship with Moscow State Agro-engineering University has been fulfilling and fruitful because the faculty and administrators are particularly forward thinking and willing to try new and different things," says Miller. He and his colleagues are currently helping MSAEU administrators revise and expand their curriculum and develop their distance education capabilities. They also are discussing the potential for co-organizing a Russian electronic journal.

Distance education is currently a "hot" topic in Russia now that MSAEU and two of the Moscow area's six other agricultural universities (which each focus on a specific area of study, much like our academic departments) have created an "Open University" to increase their educational reach. Miller expects the University of Maryland may play a role in bringing this new venture to fruition. He discussed this venture and other agricultural and educational issues during his recent two-week trip to Russia and Uzbekistan.

Ronald Walters, distinguished leadership scholar at the Academy of Leadership, received the American University School of International

Service Alumnus of the Year Award at a ceremony at the New Zealand Embassy last week. AU's School of International Service chose Walters to receive the award "because of his concern for public service and because of his active leadership in dealing with issues of global inequality."

Steve Fetter will receive the American Physical Society's Joseph A. Burton Forum Award for developing and communicating new ways to monitor arms control while maintaining national security. Fetter, professor in the School of Public Affairs, has worked to develop and promote new initiatives in nuclear arms control and nonproliferation policy that go beyond the missile counting of the past to take advantage of the new, more cooperative relationships between the U.S. and other nuclear weapon-holding countries.

Fetter is author of "Toward a Comprehensive Test Ban" and co-author of "The Nuclear Turning Point" and "The Future of U.S. Nuclear Weapons Policy," which puts forth a comprehensive program that would transform the roles nuclear weapons play in the national security policy of the United States. The \$3000 award will be presented during the society's meeting in Long Beach, Calif., later this week. The award recognizes outstanding contributions to the public understanding or resolution of issues involving the interface of physics and society.

Director of the environmental policy specialization of the School of Public Affairs, Fetter is a fellow of the American Physical Society. He also serves on the National Academy of Sciences' Committee on International Security and Arms Control, the National Council of the Federation of American Scientists and the Board of Directors of the Arms Control Association. In 1993, Fetter was special assistant to the Assistant Secretary of Defense for International Security Policy. He has also been a Council on Foreign Relations international affairs fellow at the State Department.

Case Closed: Mock Trial Team Named National Champs

They've reached a verdict. The American Mock Trial Association finds the University of Maryland Mock Trial team guilty of winning its fifth Intercollegiate Mock Trial Championship, sealing its record for the greatest number of wins earned by a single school.

Facing intense competition from top 10 college teams like Princeton and Northwestern universities, Maryland won its division and defeated the opposing division's University of Wisconsin, Madison, in the final round during the competition in Des Moines, Iowa, April 16.

This year's fictitious criminal case centered around a man who was accused of beating his "best friend" to death with a shovel, stabbing him with a knife, then dragging the body half a mile and burying it. While the team assumes the roles of the prosecution and defense, during the final round the team had to defend the accused criminal against the state of Maine.

Much like the legal eagles of ABC's "The Practice," the team of 21, including three attorney coaches, was considered relentless and resourceful in its trial strategies. Compelling arguments and courtroom performances led to high honors for most members of the team.

Tziporah Rosenberg, a senior family studies major, earned a perfect score and won the All American attorney award. Sebastian Niles, a junior economics, decision information sciences and finance major, also earned the award.

Outstanding witness honors were earned by Rina Patel, senior business major and Maria George, a senior family studies and sociology major.

"It's such a great feeling to have won two of three national championships since I've been here, but it is very intense and takes a mental toughness to not get rattled by the competi-

tion," says Niles, the team's captain.

All competitors' eyes were on Maryland during many rounds. "Scouts," team members who observe different mock trial teams in courtroom performances, often crowded the room to learn Maryland's strategy.

"During some competitions, I've seen some scouts bring cameras to record us, but we usually have two to three different strategies, so what they see during one round, may totally change at the next," says Niles.

Noel Myricks, associate professor of family studies and mock trial team director, often stresses the importance of having several strategies ready for trial, but he and three volunteer local attorneys use many coaching techniques.

Two weeks before the national competition, Myricks observed the team during a practice trial during prosecution. "I told them they were an insult to tradition and that I know they have the talent and ability to do a better job. I want to see it," says Myricks. "I refused to sit and listen to the trial, so I walked out."

While leaving the room could be considered harsh, it was no surprise to mock attorney Rosenberg. "His method of motivation is to sometimes light a fire, to make us do better, because the team takes what he says to heart without getting angry or upset," says Rosenberg.

The following week, Myricks observed them again. "They did a 180-degree turn and I told them, now you have national champion caliber."

The judge and jury also ruled in their favor, making them national champions once again. Maryland teams previously won in 1992, 1993, 1996 and 1998. They are the only team in the country to have an undefeated record at the regional level.

—TIA MASON

Henry Kissinger Delivers Sadat Lecture

continued from page 1

Richard Nixon's historic visit there in 1972. He served in foreign policy advisory positions for Presidents Eisenhower, Kennedy, Johnson, Nixon and Ford. Since leaving government, Kissinger has continued writing and consulting on foreign policy issues.

"Dr. Kissinger continues to be one of the world's most highly respected experts on matters of international relations," says Shibley Telhami, who holds the Anwar Sadat Chair for Peace and Development. "At this critical moment in the Middle East peace process, his reflections on the journey from the earlier negotiations with Israel, Egypt and Syria to today's talks offer us unusual insight."

The Sadat Chair carries out work to further the dialogue for peace in the Middle East and throughout the world. The chair maintains an

active research agenda on issues of conflict and peace and strives to bring the Washington, D.C., policy community in closer touch with the latest academic research findings.

Established in 1997, the chair was made possible, in large measure, by the commitment of Jehan Sadat, widow of the Egyptian leader and an associate resident scholar in the Center for International Development and Conflict Management. Individual contributors from around the world have supported the effort and many notable international figures continue to serve on the chair's advisory committee.

The Sadat Lecture is open to the campus community, but reservations are necessary as seating is limited. Contact the Office of Special Events by May 1 at 405-4638 or events@acc-mail.umd.edu. A public reception will follow in the atrium of the Art-Sociology Building.

Theatre Designers Recognized for Outstanding Achievement

continued from page 1

Huang dressed her in an English costume with an Indian jacket. As the production progresses, her wardrobe becomes increasingly ornate, from ordinary Western dresses to shiny silk garb. The main character had eight costume changes throughout the play.

Conway is nominated for two awards in outstanding set design, for "Ambrosio" at the Rep Stage in Columbia, and "The Desk Set" at the Studio Theatre. This year's Helen Hayes nominations are Conway's third and fourth. Last year he was nominated for "Suburbia" and "Seven Guitars," both at the Studio Theatre.

"The Desk Set" is a musical comedy set in the American 1950s. Also known for its film adaptation starring Spencer Tracy and Katherine Hepburn, "The Desk Set" is about an efficiency expert coming to a radio station to introduce a mainframe computer to the office, making the women who work there afraid their jobs will become obsolete.

Conway designed the set drawing upon the style of architect Frank Lloyd Wright's designs, building a '50s-style computer that threatens to supplant the ladies who work at the station.

"I took the design of a computer and the design of 1950s automobiles, with fins and the like, and I blended those ideas together. So the computer would look accurate, but it would also have a comic feel to it. Plus it had to light up and blow up at the end," says Conway.

In the finale, reminiscent of the famous fable "John Henry Versus the Machine," the computer explodes in the end trying to outthink the ladies, proving that computers will never replace humans. Graduate assistants Michael Moczyski and Scott Hengen researched and constructed the computer model used to build the set.

"Ambrosio" was a different kind of

production, about a 16th century monk who struggled with his sexual identity, only to be burned alive in the Inquisition when he finally came to terms with it.

"The interesting thing about that was it was an amazingly abstract piece," says Conway. "The set was a series of interlocking red boxes that were used to great effect in terms of designing the psychological space for that play. It was a play about ideas, whereas 'Desk Set' was about the story."

Conway also worked with the lighting designer to create effects for the final scene of the monk's fiery death. By moving lights underneath a Plexiglas grid corridor, the designers elicited an effect of burning flames using the lights and the set.

Wagner is nominated for two awards for outstanding lighting design for his work on "A Midsummer Night's Dream" at the Shakespeare Theatre and "Sweeney Todd" at the Signature Theatre in Arlington, Va. Wagner has won six Helen Hayes awards in addition to his 22 previous nominations.

"A Midsummer Night's Dream," commonly adapted in modern productions, was set in a French palace in the 1950s. The scenes were reordered, and characters were inserted into scenes Shakespeare never intended. In an opening scene, Wagner created the effect of Hermia's bed spinning up into the sky using elaborate lighting schemes. In a beachscape scene, where the sand and backdrop were all white, Wagner used a "riot of colors" to highlight the actors adorned in colorful costumes.



Helen Hayes Award nominees Dan Conway, Helen Huang and Dan Wagner, of the theatre department, first worked together on this 1996 production of "Othello" at University Theatre.

tumes.

"There was lots of saturated light to pick up the actors out of the set," Wagner says. The set also featured several 30-foot-long cornice moulding pieces that characters climbed up and down, chased by the lights.

"Sweeney Todd," along with "Indian Ink," received the most nominations with eight. A dark musical set in industrial London, "Sweeney Todd" was a real change of pace from the lighter Shakespeare play. It is the story of a man wrongly convicted of a crime who returns to seek revenge upon the judge who sentenced him to prison and then stole his wife and child. In the process of trying to kill the judge, Todd and his meat-pie-maker accomplice unintentionally kill innocent bystanders. They grind them up into meat pies to mask the murders.

Wagner used lighting that highlight-

ed gray scaffolding, creating an "architectural," structured look with sharp edges. "I used a lot of patterns inserted into the light that make this fractured look of scattered light," Wagner says.

The trio will be working together on an upcoming Boston Lyric Opera production, "Daughter of the Regiment," directed by theatre department head Leon Major. The show opens next February after previews in Manitoba, Canada, and Phoenix, Ariz.

Since their first collaboration on Othello in 1996, the group has come to enjoy working together. "I'm so lucky to work with two amazing designers," Conway says. "It's so rare in a university theatre situation to have the chance to work with so many working professionals. At other universities, that's not always the case."

-DAVID ABRAMS

America Reads Mentors Bring Prince George's County Kids to Campus

Each semester 70 to 80 University of Maryland Federal work-study students serve as reading mentors to approximately 400 first- and second-graders. The eight schools selected by Prince George's county Public Schools personnel, have low reading scores and high poverty levels.

The goal of America Reads is to help in the effort to ensure all American children can read independently and well by the end of the third grade. National research shows 40 percent of American children fall short of this goal.

Evaluation of the America Reads program reveals children who receive tutoring make significant progress in reading, school personnel find the university's reading men-

tors to be highly effective, and the reading mentors learn from their experiences. In addition, the teachers unanimously and enthusiastically state their pupils demonstrate a greatly improved attitude toward reading as well as motivation to read and confidence in themselves as readers.

America Reads has been working collaboratively for three years with Prince George's County Public Schools. America Reads staff and teachers have long sought to bring these young students to campus knowing it will have a tremendous impact on their lives. This dream has become a reality: throughout April and May the university's young mentees will be coming to campus.

Local businesses have donated free lunches, Tzedek Hillel is sponsoring the busing for one school, the Black Student Union, Phi Sigma Kappa and Kappa Alpha Theta all are sponsoring a lunch, McKeldin Library is donating a space for the storytelling and read-a-thon, Maryland Images will be giving tours and the University Book Center has generously donated books for each of the mentees to take home as a gift. Most importantly, hundreds of university students and staff will help in the one-to-one matching for the read-a-thon.

For more information about America Reads and the visits to campus, call Greg Zick, coordinator for America Reads, at 314-7321

Piano Trio Concludes American Music Festival

The University of Maryland Piano Trio performs Sunday, April 30, at the National Gallery of Art in the West Garden Court. This performance concludes the gallery's popular American Music Festival, which features works by American composers every Sunday in April, except Easter Sunday.

Members of the piano trio include violinist David Salness, a highly respected teacher and performer on the violin and viola, who joined the faculty in 1977 as head of chamber music studies and associate professor of violin; cellist Evelyn Elsing, professor of cello and chamber music, who has won prizes in the Munich International Cello Competition and the Washington International String Competition; and concert pianist Robert McCoy, a two-time recipient of the Maryland Creative and Performing Arts Award, who is also a professor of music at Maryland.

Gallery concerts, which continue every Sunday through June 25, are free and open to the public on a first-come, first-seated basis. Seating begins at 6 p.m., and concerts start promptly at 7 p.m.

Monthly listings of concerts can be obtained from the gallery's Web site, www.nga.gov or by calling 202-842-6662.

for your interest

events • lectures • seminars • awards • etc.

Curing Obesity

Jeffrey Friedman, of the Howard Hughes Institute, Rockefeller University, discusses "Leptin and the Search for a Cure to Obesity" Thursday, April 27 at 4 p.m., in room 0200 Skinner Hall. This year's Shorb Lecturer, Friedman is a leading authority in obesity research and the discoverer of leptin.

Friedman's talk is part of the Mary Shorb Lecture Series presented by the graduate program in nutrition. For more information contact Thomas Castonguay, chair of the Shorb Lecture Committee at 405-4503 or at tc27@umail.umd.edu.

Summer Sports Program

The College of Health and Human Performance is once again sponsoring a three-week summer sports activity program June 19 through July 7 (the program is open July 4). Children will participate Monday through Friday from 9 a.m. to noon. Age groups are 5-7 years; 8-9 years; 10-11 years and 12-13 years.

Children ages 7-13 enrolled in the morning Summer Sports Program have the opportunity to participate in an afternoon Computer Science Program. This program will be offered Monday through Friday from 1-4:30 p.m. to the first 30 children registered.

The fee is \$70 per week per child per program (children participating in both programs will bring a lunch and eat together with supervision between programs). There is an additional \$20 non-refundable registration fee per child due with your registration. Due to staffing issues, there will be no refunds after June 16.

For additional information, call Elizabeth Brown at 405-2503 or e-mail eb43@umail.umd.edu.

Modeling Nature

Distinguished Scholar Teacher Frederick Suppe, of the philosophy department, discusses "Modeling Nature: Inverse Problems from AIDS to Venus," Thursday, April 27, from 4 to 5 p.m., room 1410 Physics Building. A reception follows the lecture.

The Distinguished Scholar-Teacher Awards, conferred annually by the provost, honor faculty members who have demonstrated outstanding accomplishments in both scholarship and teaching. Besides Suppe, this year's honorees are John Benedetto, Jordan Goodman, Arthur Popper, Steve Graham and Linda Mabbs.

Speechwriting Ethics

"Bill Clinton and the Ethics of Speechwriting" is the topic of discussion by Martin Medhurst, of the Texas A&M University speech communication department, Friday, April 28, from noon to 1 p.m., in room 0200 Skinner Building. His research colloquium talk is free and all are welcome.

Undergraduate Research Day 2000

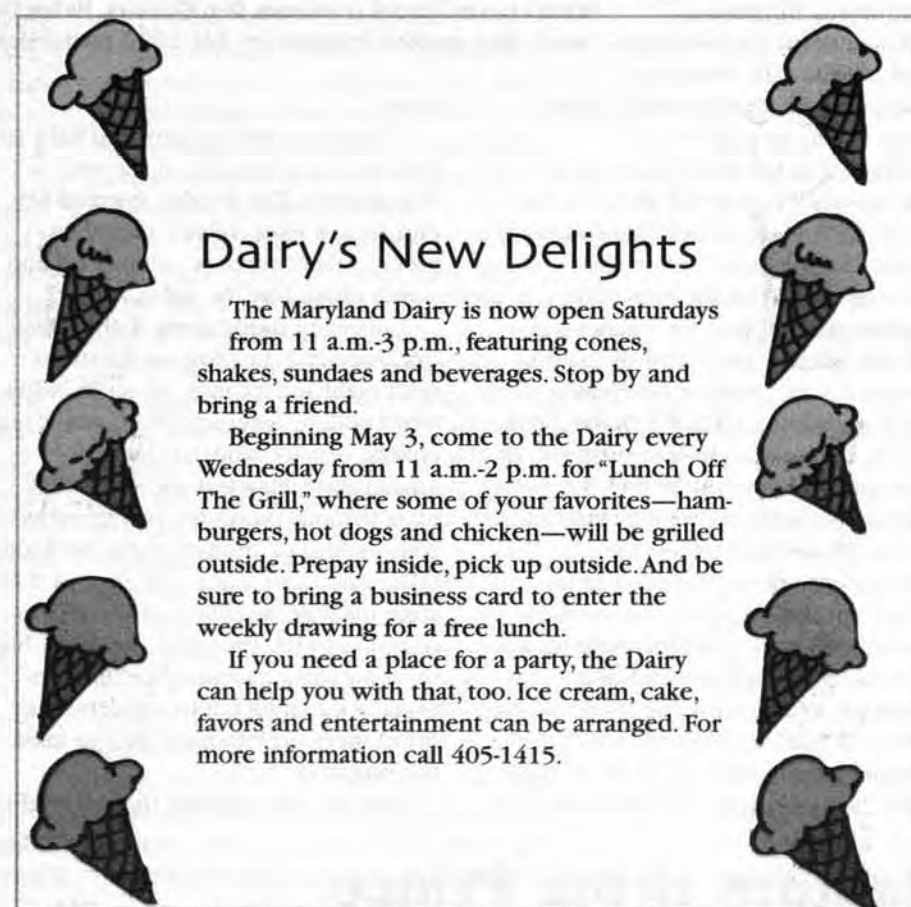
Wednesday, April 26 is "Undergraduate Research Day 2000: Building Blocks for the Future." From 8:30 a.m. to 3 p.m., in the Stamp Student Union, you'll get a preview of tomorrow's great scholars and researchers.

"Building Blocks for the Future" is a day-long conference showcasing original research, artistic presentations, performances, and projects by undergraduates.

For more information, contact: Penny Asay at 405-9342 or pasay@glue.umd.edu

Training for Office 2000

The "Hands On Tutor" computer-based training CD for Office 2000 is now available through OIT Software Licensing. The single user license (for PC) and CD-ROM cost \$20, payable via Interdepartmental Transfer.



Dairy's New Delights

The Maryland Dairy is now open Saturdays from 11 a.m.-3 p.m., featuring cones, shakes, sundaes and beverages. Stop by and bring a friend.

Beginning May 3, come to the Dairy every Wednesday from 11 a.m.-2 p.m. for "Lunch Off The Grill," where some of your favorites—hamburgers, hot dogs and chicken—will be grilled outside. Prepay inside, pick up outside. And be sure to bring a business card to enter the weekly drawing for a free lunch.

If you need a place for a party, the Dairy can help you with that, too. Ice cream, cake, favors and entertainment can be arranged. For more information call 405-1415.

For additional information, call Linda Aldoory at 405-6528 or e-mail la74@umail.umd.edu.

Women of Influence Reception

The campus community is invited to the Women of Influence reception Wednesday, April 26, from 4 until 6 p.m. in the atrium of the Stamp Student Union. This program, sponsored by the Committee on Undergraduate Women's Leadership (CUWL), will honor the Year 2000 Women of Influence, including Peggy Wood (undergraduate student), Anjali Sridhar (graduate student), Shirlene Chase (Dining Services), Gabriele Strauch (Arts and Humanities), Kathy Whitmire (Academy of Leadership), Marie Davidson (alumna) and Delegate Nancy Kopp.

For more information, or to RSVP, call Marsha Guenzler-Stevens at 314-8505.

This CD provides training on Microsoft Office 2000 Word, Excel, PowerPoint, Outlook, Access, FrontPage, Netscape Navigator and Internet Explorer 4.0, and Windows 98 at multiple levels of user proficiency.

Contact OIT Software Licensing at 405-2986, CSS room 3342 for more information; or visit www.oit.umd.edu/slic/CRENV.html.

Removing the Old Card Catalog

With the advice and support of the Library Council, the Libraries are considering the removal of the old card catalog, now located in the basement of McKeldin Library.

The card catalog is far out of date. No new information has been entered since 1986. About 400,000 new items have been added to holdings in the interim, about 100,000 items removed, and about 70,000 moved to locations different from those listed in the card catalog. In addition, all the correct

information on the cards is available in the online catalog VICTOR and VICTORWEB.

The libraries invite comments from interested users. Send comments to the Libraries' Director of Technical Services, Carlen Ruschoff, at ruschoff@deans.umd.edu, no later than June 15.

Thursday Social Hour

Did you know that your Faculty/Staff Club at the Rossborough Inn is open from 4 to 8 p.m. every Thursday afternoon for social hour? Grab a colleague and gather on the patio at the Rossborough Inn this Thursday for cocktails. Special prices on all drinks are available and club members receive an extra special price.

Come relax and enjoy a glass of some of the finest wines California has to offer while surrounding yourself with some of the most brilliant minds in education today.

For more information, contact Christopher Cantore at 314-8012.

Performing in the National Interest

Tracy Davis, of Northwestern University, will present a lecture from her forthcoming book, "The Economics of the British Stage, 1800-1914," Tuesday, April 25, at 8 p.m. in room 2203 of the Art Sociology Building. The lecture is free and open to the public.

For more information contact Ken Schweitzer at 405-1850 or kschwei@wam.umd.edu.

Book Series

The College of Library and Information Services is launching a bi-annual lecture series devoted to scholarly issues associated with children's literature, an important area of specialization in the curriculum of the College of Library and Information Services (CLIS).

Anne Scott MacLeod, long-time CLIS faculty member and widely recognized children's literature scholar, presents the initial lecture April 28 at 7 p.m. in the Visitor Center Auditorium (Turner Bldg.).

It's the college's intention to build this lecture into an important event for the children's literature community. To this end, the college has established an endowment fund, named in honor of MacLeod, to provide for its support.

Contributions can be sent to the Anne Scott MacLeod Children's Literature Endowment c/o Office of the Dean, College of Library and Information Services, 4105 Hornbake South, University of Maryland, College Park, MD 20742. Checks should be made out to the University of Maryland Foundation.

For more information, call 405-7459. Space at the lecture is limited. If you plan to attend, RSVP to 405-2033 or e-mail ddrennen@accmail.umd.edu by Wednesday, April 26.